

WHAT IS CLAIMED IS:

1. A guide tube bundle, comprising:
two or more guide tubes;
wherein the two or more guide tubes each comprise a
5 first aperture at a first end and a second aperture at a
second end;
wherein the guide tubes are configured
longitudinally adjacent to each other;
wherein the longitudinal axis of the first aperture
10 of each guide tube is offset from the longitudinal axis
of the second aperture of the guide tube; and
wherein the guide tubes are twisted around one
another.

- 15 2. The guide tube bundle of Claim 1, wherein the
angle at which the guide tubes are twisted comprises
approximately ten degrees.

3. The guide tube bundle of Claim 1, wherein:
20 the guide tubes are configured longitudinally
adjacent to each other at their first ends; and
the guide tubes are separated at their second ends.

4. A method for orienting well bores, comprising:
forming an entry well bore from the surface;
inserting a guide tube bundle into the entry well
5 bore, the guide tube bundle comprising:

two or more guide tubes, wherein:
the two or more guide tubes each comprise
a first aperture at a first end and a second aperture at
a second end;

10 the guide tubes are configured
longitudinally adjacent to each other; and
the guide tubes are twisted around one
another; and

15 the longitudinal axis of the first
aperture of each guide tube is offset from the
longitudinal axis of the second aperture of the guide
tube; and

forming two or more slanted well bores from the
entry well bore using the guide tube bundle.

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5. The method of Claim 4, wherein:

the longitudinal axis of the first aperture of each
guide tube is oriented vertically; and

25 the longitudinal axis of the second aperture of each
guide tube is oriented at an angle offset from the
longitudinal axis of the first aperture.

30 6. The method of Claim 4, wherein the angle at
which the guide tubes are twisted comprises approximately
ten degrees.

7. The method of Claim 4, wherein:
the guide tubes are configured longitudinally
adjacent to each other at their first ends; and
5 the guide tubes are separated at their second ends.